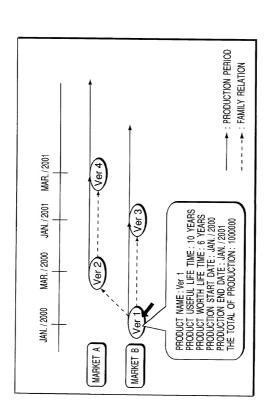
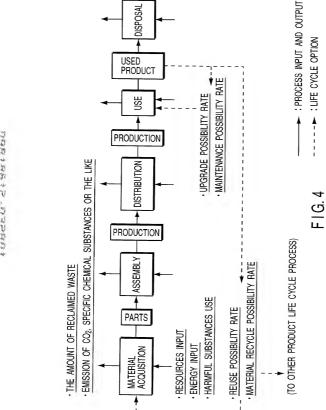


FIG.2



F1G.3



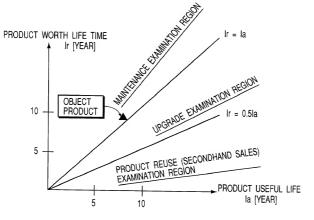
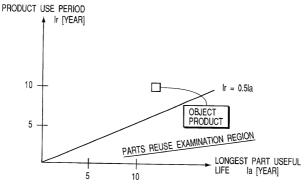


FIG. 5A



F I G. 5B

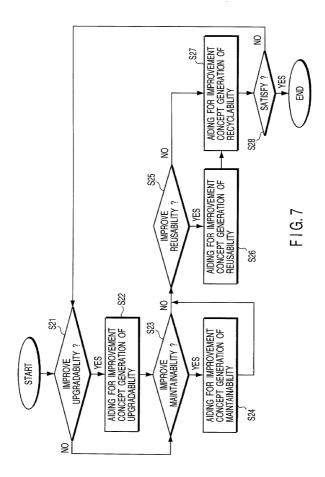
_	-		_	_			_	_	_		,		_	_	_	
ш	Ver 1   Ver 2   Ver 3   Ver 4				4											
TARGET VALUE	/er 3															
Įį.	2	l	$\vdash$			-	<del>                                     </del>	$\vdash$	$\vdash$		┢		H		┢	
IARG	<u>₹</u>		_		ļ	_		-	_					L		
	Λer															
ENVIRONMENTAL					VOLUME OF WATER PER ONE TIME [L]											
	Ver 4				3											
ANT	Ver 3	-			≥											
MUST/WANT	/er 2				>											
2	Ver 1   Ver 2   Ver 3   Ver 4				3											
ENVIRONMENT	DEMANDS			SIMPLIFICATION OF PACKING	WATER USE REDUCTION					POWER CONSUMPTION REDUCTION						RECLAIMED DISPOSITION AMOUNT REDUCTION
LIFE CYCLE	SIEPS	MATERIAL ACQUISITION	PRODUCTION	DISTRIBUTION	USE	DISPOSAL	MATERIAL ACQUISITION	PRODUCTION	DISTRIBUTION	USE	DISPOSAL	MATERIAL ACQUISITION	PRODUCTION	DISTRIBUTION	USE	DISPOSAL
SUBJECT	CALEGORY	SAVING RESOURCES					SAVING ENERGY					WASTE REDUCTION				

F1G. 6/

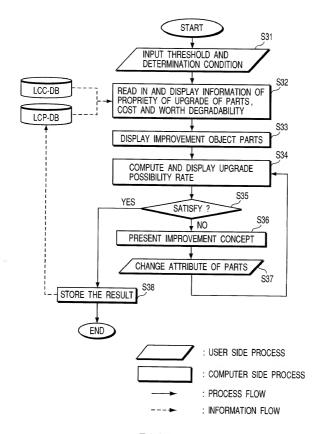
HARMFUL SUBSTANCES REDUCTION	MATERIAL ACQUISITION	ADOPTION OF LEAD-FREE SOLDER	>	М	М	≥	LEAD USE [g]			0	0
	PRODUCTION										
	DISTRIBUTION										
	USE										
	DISPOSAL										
EMISSION REDUCTION	MATERIAL ACQUISITION										
	PRODUCTION										
	DISTRIBUTION										
	USE	WATER-POLLUTION REDUCTION									
	DISPOSAL									Γ	
LIFE CYCLE OPTION	TION	UPGRADE									
LIFE CYCLE OPTION	NOIL	MAINTENANCE		>	>	>	MAINTENANCE POSSIBILITY RATE [%]		8	8	96
LIFE CYCLE OPTION	NOIL	PARTS REUSE		*	M	W	REUSE POSSIBILITY RATE [%]				
LIFE CYCLE OPTION	NOIL	MATERIAL RECYCLE	Σ	Σ	Σ	Σ	RECYCLE POSSIBILITY BATE 1%1	02	22	02	70

F1G. 6B

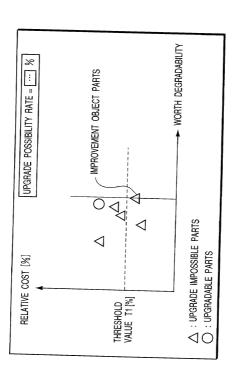
OBLON, SPIVAK, ET AL DOCKET #: 205266US2SRD INV: Hideki KOBAYASHI SHEET 8\_ OF 26\_



OBLON, SPIVAK, ET AL DOCKET #: 205266US2SRD INV: Hideki KOBAYASHI SHEET 9 OF 26



F I G. 8



F1G.9

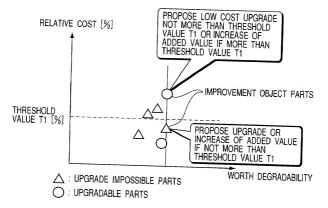


FIG. 10

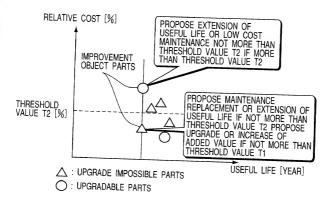
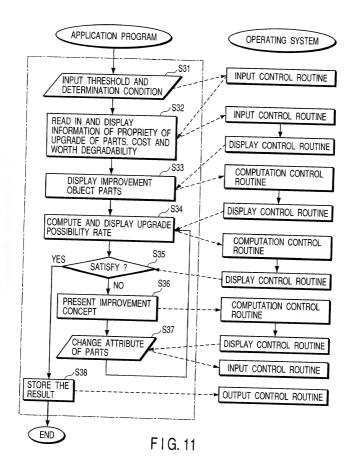


FIG. 14



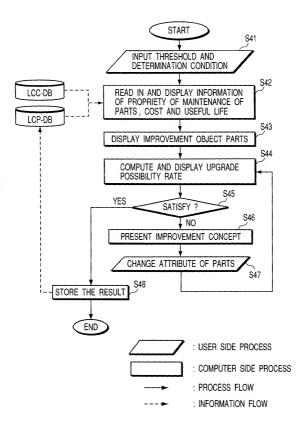
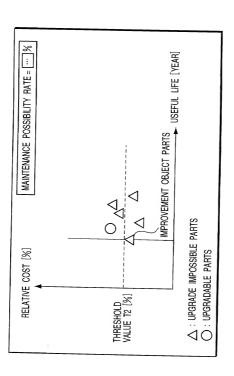
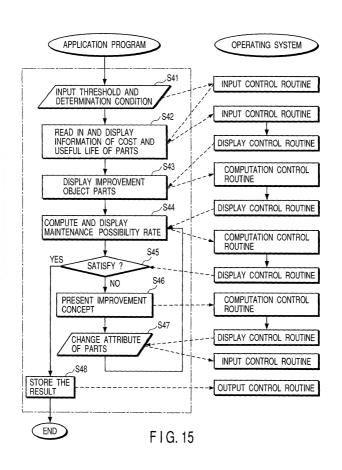
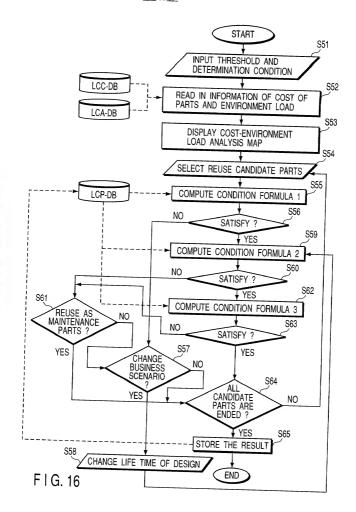


FIG. 12



F1G. 13





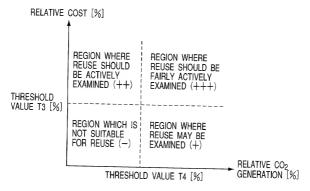
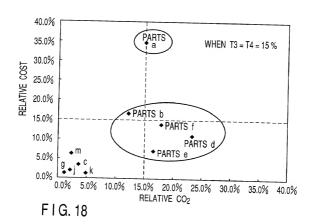


FIG. 17



• CONDITION FORMULA 1 : THE SIDE OF USEFUL LIFE  $\min \ \{ \ \stackrel{\frown}{l}_a^i, |r^{\widehat{l}'}\} \le |_{a}^j, \ \min \ \{ \ \stackrel{\frown}{l}_a, |r^{\widehat{l}'}\} \}$  WHERE  $l^{\widehat{l}}$  IS LIFE TIME OF PRODUCT,  $l^{\widehat{l}}$  IS LIFE TIME OF PRODUCT,

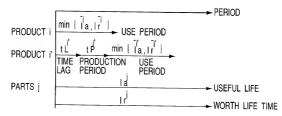
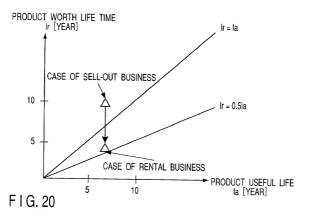


FIG. 19



. CONDITION FORMULA 2: THE SIDE OF WORTH LIFE TIME

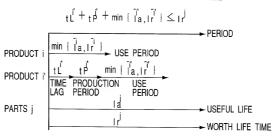


FIG. 21

• CONDITION FORMULA 3 : THE SIDE OF RECOVERY QUANTITY  $\min \left\{ \begin{array}{c} \vec{l}_{a}, \vec{l}^{'} \\ \vec{l}^{'} \\ \end{array} \right\} < t \vec{L}^{'} + \alpha \ t^{p'} \\ \text{WHERE } 0 \leq \alpha \leq 1 \quad \alpha : \text{PERIOD FACTOR} \\ \\ \text{PRODUCT } i \\ \text{PRODUCT }$ 

FIG. 22

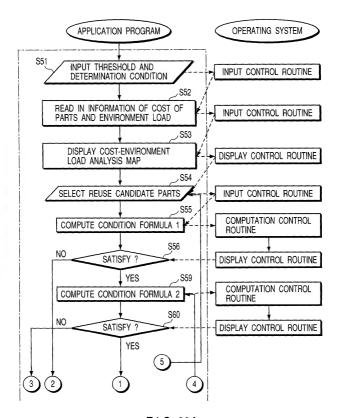
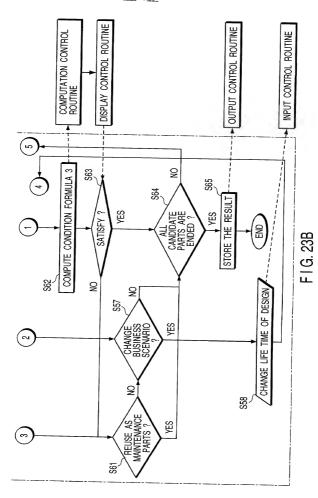
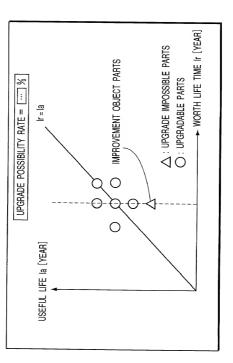


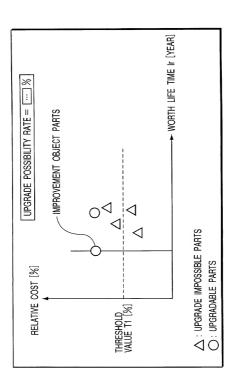
FIG. 23A

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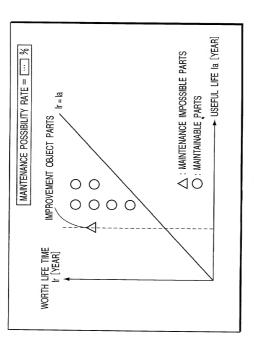




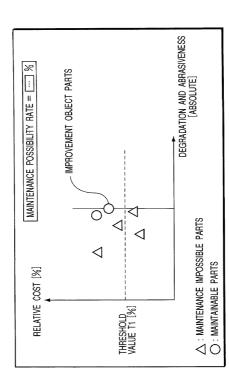
F1G. 24



F1G. 25



F1G. 26



F1G. 27

